

Electronic Acknowledgement Receipt

EFS ID:	8573291
Application Number:	10809538
International Application Number:	
Confirmation Number:	6148
Title of Invention:	Interference and noise estimation in an OFDM system
First Named Inventor/Applicant Name:	Arak Sutivong
Customer Number:	23696
Filer:	Jeffrey D. Jacobs/Gina Golia
Filer Authorized By:	Jeffrey D. Jacobs
Attorney Docket Number:	030226
Receipt Date:	11-OCT-2010
Filing Date:	24-MAR-2004
Time Stamp:	13:31:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 940
RAM confirmation Number	8942
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	030226_2010-10-06_RCE.pdf	36289	no	3
			7afdf05a250e5d98158737eaea151a18cb2404be		

Warnings:

This is not a USPTO supplied RCE SB30 form.

Information:

2		030226_2010-10-06_AMD.pdf	159551	yes	22
			0e460c93ad0146d8b82edd863cb8bf710352d98		

Multipart Description/PDF files in .zip description

	Document Description	Start	End
	Amendment Submitted/Entered with Filing of CPA/RCE	1	2
	Claims	3	10
	Applicant Arguments/Remarks Made in an Amendment	11	22

Warnings:

Information:

3	Information Disclosure Statement (IDS) Filed (SB/08)	030226_2010-10-06_IDS.pdf	178849	no	11
			cd0eda5e72e4a1bf0b165dc1fd53fde12454a32		

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

4	Foreign Reference	CN_EP_REFS.pdf	22577315	no	110
			2d30ac0afbca2f84893d4add722567a5c68e0198		

Warnings:

Information:

5	Foreign Reference	WO_REFS_1.pdf	24128583	no	426
			04b99d095986fc4a6d0126a13968be9a13962a06		

Warnings:

Information:

6	Foreign Reference	KR_JP_RU_REFS.pdf	4874663	no	116
			563e667901a7868139e75523af91b4f5a709a08a		
Warnings:					
Information:					
7	Foreign Reference	WO_REFS_2.pdf	12698896	no	166
			8571b0ccf2ce284b7c50acd52c433c8cb0ca3773		
Warnings:					
Information:					
8	NPL Documents	3GPP_TS_25_211_ETSI_TS_YEAR_2002_PGS_1_52.PDF	2269397	no	53
			2bbb894fd666686d05d2b41ac02a068434ceed6		
Warnings:					
Information:					
9	NPL Documents	3G_TS_25_212_V5_0_0_2002.PDF	1858851	no	74
			f04fa9a6597f64277334fe720236572f61c6792a		
Warnings:					
Information:					
10	NPL Documents	3SPREADING_AND_MODULATION_FDD_YEAR_2002.PDF	2308933	no	30
			99b58c9abb14cf7bf05475b90517d9c4065a49fa		
Warnings:					
Information:					
11	NPL Documents	PHYSICAL_LAYER_PROCEDURES_YEAR_2002.PDF	2765512	no	56
			3c600fc6653b7eff447ef3d8f1fc5b7384b019be		
Warnings:					
Information:					
12	NPL Documents	3GPP2_C_S0024_XP002206456_YEAR_2000.PDF	7337970	no	172
			011d7894a428e33df807acd65cde70f1b2d56ef7		
Warnings:					
Information:					
13	NPL Documents	ALGORITHM_FOR_REVERSE_TRAFFIC_CHANNEL_NOV_2001.PDF	197729	no	5
			9703d3d2fa6a2e5055f0cd81703451f8df44f9b5		
Warnings:					
Information:					
14	NPL Documents	GYUNG_HO_HWANG_VOL_3_P_1721_1725_YEAR_1997.PDF	421007	no	6
			8a1c0ff3474e31ac3f3e30ae42c3792a531bc2c		
Warnings:					
Information:					

15	NPL Documents	PCT_US04_004791_2005_02_27_IPRP.PDF	163757	no	3
			39d91b40a3e9fa21a9a162f55410e26dac7e4f3a		
Warnings:					
Information:					
16	NPL Documents	30525WO_2006_07_20_IPRP.PDF	158928	no	3
			45e1e8d728aa143c9f5e77f1d71af548210681c4		
Warnings:					
Information:					
17	NPL Documents	030240WO_2008_05_12_IPER.PDF	4692009	no	5
			a515cb35fc0c3e15cacd0c933848ad4e3c3aa99		
Warnings:					
Information:					
18	NPL Documents	030244WO_2005_12_22_IPRP.PDF	570133	no	3
			cf0aa093d1dc694d29a37d8d5c1b90b8ca287fa3		
Warnings:					
Information:					
19	NPL Documents	030243WO_2007_01_17_IPRP.PDF	377957	no	6
			c5d965b98b27513c8d23f513ed1075c444cb83b3		
Warnings:					
Information:					
20	NPL Documents	030280WO_2006_07_06_IPRP.PDF	258350	no	5
			5ec2ca2c2a1e7c91b3f941852ea9e90470f2e42c		
Warnings:					
Information:					
21	NPL Documents	030245WO_2006_04_19_IPRP.PDF	453172	no	7
			fece040f435bca24c39e1aa841be5207e3a25edf		
Warnings:					
Information:					
22	NPL Documents	PCT_US04_004786_2006_09_29_IPRP.PDF	449911	no	6
			9b053a236c86d89cb63844dc7fc81cec725f31e9		
Warnings:					
Information:					
23	NPL Documents	030224WO_2006_10_02_IPRP.PDF	199506	no	3
			706a266f5e2ae9aebc09253e8b625726dda4157d		
Warnings:					
Information:					

24	NPL Documents	NPL_1.pdf	8184316	no	34
			ea498f94f50bb823a2be60252ce2eb73fa0db924		
Warnings:					
Information:					
25	NPL Documents	030525WO_2004_12_22_WO.PDF	519569	no	9
			81e07e3dfd01176df4fd994bd687df865d5de988		
Warnings:					
Information:					
26	NPL Documents	ISR_PCT_US04_004786_2005-02-14.PDF	100592	no	2
			1a4321250098776b3845d1d2e0b425eefadbff65		
Warnings:					
Information:					
27	NPL Documents	ISR_PCT_US04_006759_ISA_EPO.pdf	4929311	no	12
			c0a047f60330712ee4c8c180e7b2f266dc3964ca		
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
28	NPL Documents	TIA_EIA_XP002145331_FEB_1999_PART_2.PDF	17024425	no	301
			d5e6d7762f8c46d2fbb8796599be1147a8c339ea		
Warnings:					
Information:					
29	NPL Documents	NADAGOPAL_SERVICE_DIFFERENTIATION_YEAR_1999.PDF	1802602	no	10
			394da87a775e2aa78e60d0473b7ff376bfff619c		
Warnings:					
Information:					
30	NPL Documents	TELECOMMUNICATIONS_INDUSTRY_ASSOCIATION_PP_1_145_YEAR_1998.PDF	13263055	no	309
			00876e51f7d9a0593bb02da146ce5eca380f6c82		
Warnings:					
Information:					
31	NPL Documents	TIA_EIA_IS_856_1_ADDENDUM_YEAR_2002.PDF	7319912	no	598
			7a8f53c4f9919f4fe4a6d42b450bb4fedeeffd4		
Warnings:					
Information:					
32	NPL Documents	PCT_US04_004791_2004_11_18_ISR.PDF	232907	no	5
			3fe6a9bf2b1324e4a2be702a4c5d432fffd401a4		

Warnings:					
Information:					
33	NPL Documents	030245WO_2004_09_13_WO. PDF	288503	no	6
			da9021c81d592d85f3b3e447d356a1d3d2a d772c		
Warnings:					
Information:					
34	NPL Documents	030223WO_2004_11_06_WO. PDF	1530165	no	8
			7208aa95a8d465c2ac599d74d4f1798699f6 23a3		
Warnings:					
Information:					
35	NPL Documents	030280WO_2004_27_09_ISR. PDF	142757	no	3
			62547fb9099e2b1bac771764c65e882fb3e 7a413		
Warnings:					
Information:					
36	NPL Documents	ISR_PCT_US04_004786_ISA.pdf	100592	no	2
			1a4321250098776b3845d1d2e0b425eefad bff65		
Warnings:					
Information:					
37	NPL Documents	PCT_US04_04669_2004_07_27 _WO.PDF	281039	no	6
			ab27513b7c35ac109ece905ca4f0db77dc3 7085e		
Warnings:					
Information:					
38	NPL Documents	ISR_PCT_US04_004788_ISA_EP O.PDF	124691	no	3
			6cb6635fb79dd284c63b0c6cb41f4f8bb74e 8796		
Warnings:					
Information:					
39	NPL Documents	030224WO_2005_03_07_WO. PDF	485318	no	10
			d49237457cd0237c8666f8f70a7b23dd538f 7606		
Warnings:					
Information:					
40	NPL Documents	030228WO_2005_08_18_WO. PDF	227709	no	5
			dbec0ed9d02ed2d35587cc4bbbd0d35449 e5b5cd		
Warnings:					
Information:					
41	NPL Documents	YOUNG_JOO_SONG_ET_AL_V OL_2_PGS_1334_1338_YEAT_2 003.PDF	3097350	no	5
			b99fdb98b6c3586f66df62a90fa419e020f6 8f12		

Warnings:					
Information:					
42	NPL Documents	YOUNG_UK_CHUNG_ET_AL_V OL_1_OF_4_PAGES_820_823_ YEAR_2001.PDF	406530 <div>ea89cc5613522769d7867809b27d68730e5215d4</div>	no	4
Warnings:					
Information:					
43	NPL Documents	TIA_EIA_95_YEAR_1999_new. pdf	21419358 <div>a9e4c70a142966f4f90c5dacb15788d043e77c92</div>	no	602
Warnings:					
Information:					
44	NPL Documents	030226_SKLAR_REF.pdf	2931022 <div>711df743adbc7260eee35eee063b62053f7052ee</div>	no	4
Warnings:					
Information:					
45	Fee Worksheet (PTO-875)	fee-info.pdf	32153 <div>89b023ddd839309303ba526414083e0bbd6c7c0f</div>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			173581144		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					